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Job Announcement Number:
 LV-R9-DE-2015-0009

Control Number: 415016200

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Job Title: Chemical Engineer, GS-0893-13

Agency: Environmental Protection Agency

Job Announcement Number: LV-R9-DE-2015-0009

SALARY RANGE: \$92,973.00 to \$128,457.00 / Per Year

OPEN PERIOD: Tuesday, September 8, 2015 to Monday, September 14, 2015

SERIES & GRADE: GS-0893-13

POSITION INFORMATION: Full-time - Permanent

PROMOTION POTENTIAL: 13

DUTY LOCATIONS: FEW vacancies - Los Angeles, CA [View Map](#)
 FEW vacancies - San Francisco, CA [View Map](#)

WHO MAY APPLY: Any U.S. citizen may apply.

SECURITY CLEARANCE: Not Applicable

SUPERVISORY STATUS: No

JOB SUMMARY:
[About the Agency](#)

This position is located in Region 9 Superfund Division, Emergency Response Preparedness and Prevention Branch, Emergency Prevention & Preparedness Section, in San Francisco, CA and/or Los Angeles, CA.

For more information on this office, visit their website: <http://www2.epa.gov/aboutepa/epa-region-9-pacific-southwest>

One or more positions may be filled by this vacancy.

The pay for this grade will be set at step 1.

TRAVEL REQUIRED

- Occasional Travel
- Occasional 1-5 days of overnight travel per month.

RELOCATION AUTHORIZED

- No

KEY REQUIREMENTS

- If you are selected, a pre-employment background check is required.
- EPA and non-EPA applicants must submit transcripts/course listings.
- You may have limited exposure to hazardous materials.
- You must submit resume and required documents(See How to Apply)
- You must be a U.S. citizen.
- Position has portable work and selectee may be eligible to telework.

DUTIES:
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You will spend less than 25% of your work time on contracts, grants/cooperative agreements, and/or interagency agreements.

You will: Prepares technical information supporting inspections and enforcement in the area of chemical process safety and emergency preparedness; Conducts inspections, accident investigations, and safety audits at sites or industrial facilities, in coordination with other offices in EPA, other Federal, State and local agencies, and industry. Prepares reports on the findings of the inspections/audits/investigations. Develops enforcement and compliance cases.

Prepares briefing information for use by management on technical aspects of the program. Identifies needs for program analysis and research and works with appropriate offices to ensure inclusion in Agency deliberations. Evaluates the technical aspects of preparedness and prevention programs and recommends changes to improve the programs and the information generated by them.

Represents the Agency at professional meetings and serves on internal and external technical work groups and advisory committees. Prepares background information for such meetings as needed. Develops and conducts training in the area of chemical emergency preparedness and prevention (including safety audits), risk management planning, and accident investigations.

Conducts studies and prepares guidance in the area of chemical emergency preparedness and prevention. Develops guidance materials for local officials and facilities. Prepares technical analyses regarding the causes of chemical accidents, and identifies technologies and practices to prevent and prepare for them. Prepares guidance for a broad community of clients, which includes industry, labor, environmental groups, other Federal agencies, State and local governments, professional and trade associations.

QUALIFICATIONS REQUIRED:

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or 4) Related curriculum--Successful completion of a curriculum leading to a bachelor's degree in engineering technology or appropriate professional field provided applicant has 1 year professional engineering experience acquired under professional engineering supervision and guidance.

As part of the application process, you are required to submit college transcripts or a list of courses as described in the Required Documents section of this announcement. However, if you are selected, you must provide official educational transcripts before you start work with EPA. More information on verification of education can be found here:
http://epa.gov/ohr/ezhire/vacancy_requirements.htm

You need a degree or combination of education and experience as described below to qualify for this position.

In addition to the educational requirements, we are looking for at least one year of specialized experience related to this position as described below:

To qualify for the GS-13 level, you need to have at least one year of full time experience at the GS-12 level defined as experience in Chemical Process Safety Management, Chemical Risk Management or Accident Prevention; and experience evaluating or inspecting complex engineering processes (such as refineries, anhydrous ammonia refrigeration facilities or chemical manufacturing plants).

Your answers to the on-line assessment will be used to evaluate your competencies in the following areas: Broad knowledge of the basic concepts of chemical engineering, including chemical process safety, accident investigations, and chemical emergency preparedness, and must be able to apply them to technical issues. Knowledge of environmental legislation, including CERCLA, Title III of SARA, and the CAA, and/or or their State/Federal equivalents such as the CA Business Plan Regulations, or chemical process safety or the ability to gain knowledge in these areas. Skilled in coordinating efforts within the Agency and with external organizations. Ability to present technical information and complex issues in a coherent and precise manner to non-technically versed managers. Skill in developing and maintaining cross-program collaboration with federal state and local stakeholders and emergency preparedness partners. Ability to work with other EPA offices, regional offices, States, industry, and local communities on inspections, enforcement cases, technical projects, safety audits, accident investigations, and regulatory development in a cooperative and harmonious manner. Skilled in both oral and written communications.

A bachelor's degree from an accredited or pre-accredited college or university in one of the following: you must meet either paragraph A or B:-A. Professional engineering degree from a school of engineering with at least one or more curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or (2) include differential and integral calculus AND courses (advanced beyond first year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics; OR- B. Combination of education AND experience--college-level education, training, and/or technical experience that furnished: 1) a thorough knowledge of physical and mathematical sciences underlying professional engineering, and (2) a good understanding, both theoretical and practical, of engineering sciences and techniques and their applications to one of the

branches of engineering. The adequacy of such background must be demonstrated by one of the following: 1) Professional registration; 2) Written test--Evidence of having successfully passed the Engineer in Training exam or the written test required for professional registration; 3) Specified academic courses--Successful completion of at least 60 semester hours in the physical, mathematical, and engineering sciences and in engineering that included the courses specified in the basic requirements. The courses must be fully acceptable toward meeting the requirements of a professional engineering curriculum as described in paragraph A; (cont'd. below)

If you are selected, you must complete a one year probationary period.

This position is designated as Moderate Risk and requires a background investigation. Unless an appropriate background investigation is already on record with the Office of Personnel Management, you must undergo a background investigation.

HOW YOU WILL BE EVALUATED:

We will review your resume and required documents to ensure you meet the basic qualification requirements. Your resume must address the knowledge, skills, and abilities listed in the Qualifications Section. If you meet basic qualification requirements, your application will be further evaluated based on your answers to the on-line assessment. Your responses to the on-line assessment will be used to measure the degree to which your background matches the requirements for the position. You are being evaluated under the category rating method which means, if you are determined to be qualified, you will be placed into the Best Qualified, Well Qualified, or Qualified Category.

We will compare your resume and supporting documentation to your responses on the assessment questionnaire. If you rate yourself higher than is supported by your application materials, your responses may be adjusted and/or you may be excluded from consideration for this job. We will evaluate your qualifications and eligibility and notify you if you meet minimum qualification requirements.

NOTE: We do not require a separate statement responding to the competencies, also referred to as Knowledge, Skills and Abilities (KSAs). However, your resume should clearly show possession of these competencies.

To preview questions please [click here](#).

BENEFITS:

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You can review our benefits at:

<https://jobs.mgsapps.monster.com/epa/vacancy/preview!benefits.hms?orgId=1&jnum=59412>

OTHER INFORMATION:

This position is in the bargaining unit.

Are you a Displaced Federal Employee? If so, please read the Required Documents and visit the EPA website for additional information: <http://www.epa.gov/careers/evapr.html>

EPA participates in e-Verify. E-Verify is an Internet based system operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration (SSA) that enables participating employers to electronically verify the employment eligibility of their newly hired employees. For additional information: <http://www.epa.gov/careers/evapr.html>

This information is used to determine your qualifications for employment. The use of this information is authorized under Title 5 USC, Sections 3302 and 3361.

If you are selected, travel, transportation, and relocation expenses will not be paid by EPA. Any travel, transportation, and relocation expenses associated with reporting to work in this position will be your responsibility.

HOW TO APPLY:

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You are strongly encouraged to read the entire announcement before you submit your application for this position.

To begin the application process, click the Apply On-line button to the right on this screen, follow the prompts to log-in/register, submit all required documents, and complete the assessment questionnaire. To be considered, you must submit a complete application package by 11:59 PM Eastern time on the closing date of this announcement.

All required supporting documents will be collected electronically via the USA Jobs document portfolio feature.

If you cannot apply on-line, you must contact the Human Resources Office listed to the right for assistance no later than three business days prior to the closing date of this announcement. You must provide complete application materials by the closing date of this

announcement.

For detailed instructions to assist you in ensuring your application package is received, go to <http://www.epa.gov/careers/evapr.html>

REQUIRED DOCUMENTS:

Documents to be submitted on-line:

- Resume clearly stating your experience related to this position as described in the Duties Section and Qualifications Required Section. In describing your experience, you need to be clear and specific. We may not make assumptions regarding your experience.
- Responses to the on-line assessment questionnaire
- College transcripts - required to submit either unofficial transcripts or a list of courses that includes school(s) attended, school address, course title, grades earned, completion dates, degree awarded/conferred, department, and quarter or semester hours earned.
- Veterans' Preference Documents - DD-214 Member 4 copy, VA Letter, and SF-15, if applicable; active duty military submit statement of service from commanding officer documenting dates of active duty and any campaign medals/badges; include character of service.
- Displaced Federal employees under ICTAP/CTAP - copy of your most recent performance appraisal, proof of eligibility, and your most current SF-50 noting position, grade level, tenure, and duty station.

Additional information can be found on our web site: <http://www.epa.gov/careers/evapr.html>

AGENCY CONTACT INFO:

Deborah Lafayette
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Fax: 702-798-2416 
Email: TeamVegas@epa.gov

Agency Information:
Environmental Protection Agency
US Environmental Protection
Agency
Human Resources Management
Division
4220 S. Maryland Parkway, Building
A, Suite 100
Las Vegas, NV
89119-7528
US
Fax: 702-798-2416 

WHAT TO EXPECT NEXT:

You can track the progress of your application package via your USAJobs account. You will receive an acknowledgement from USAJobs that your submission was successful, once we have received your on-line occupational questionnaire, resume and any supporting documentation. You will be notified of the status of your application via your USAJobs Account after we conduct a qualification review of your complete application package. You will be contacted if further evaluation or interviews are required. Any exaggeration of your experience, false statements, or attempt to conceal information may disqualify you for employment consideration. We may verify all information you provide in your resume and questionnaire responses, through reference and/or background check, and/or verification of your education. If you are selected, you will be contacted personally by the human resources office posting this announcement.

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USAJOBS is the Federal Government's official one-stop source for federal jobs and employment information.